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OM protein - protein search, using sw model

Run on: May 3, 2004, 10:12:17 ; Search time 44 Seconds
(without alignments)
325.009 Million cell updates/sec

Title: US-10-063-684-28

Perfect score: 1494

Sequence: 1 MDILVPLQLLVLLTLPLH.....PSLQLEQATHQIVLPLRGT 277

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 50 summaries

Database :

Issued Patents AA.*

- 1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep.*
- 2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep.*
- 6: /cgn2_6/ptodata/2/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	789	52.8	151	3	US-08-905-223-436
2	545	36.5	158	4	US-09-621-976-4227
3	207.5	13.9	543	4	US-09-252-991A-29830
4	153	10.2	200	4	US-09-519-729-1
5	124	8.3	2509	1	US-08-469-005A-10
6	116.5	7.8	2511	3	US-09-261-907-2
7	113	7.6	241	4	US-08-311-731A-14
8	108.5	7.3	670	4	US-09-252-991A-18936
9	106	7.1	283	2	US-09-266-965-109
10	104	7.0	293	2	US-08-907-492A-2
11	104	7.0	295	2	US-08-907-492A-2
12	104	7.0	295	4	US-09-786-240-13
13	103	6.9	275	4	US-09-266-965-110
14	102.5	6.9	2532	4	US-09-215-694-10
15	102	6.8	327	4	US-09-252-991A-28744
16	101.5	6.8	280	3	US-09-029-603-2
17	100.5	6.7	265	4	US-09-543-681A-6812
18	100.5	6.7	3074	4	US-09-543-681A-19858
19	99	6.6	281	4	US-09-252-991A-19858
20	97.5	6.5	115	4	US-09-266-965-1
21	96	6.4	260	4	US-09-489-039A-12651
22	96	6.4	271	4	US-09-252-991A-21522
23	95	6.3	295	4	US-09-540-236-3434
24	94.5	6.3	436	4	US-09-252-991A-22426
25	94	6.3	237	2	US-08-576-626A-58
26	94	6.3	275	3	US-09-036-987A-7
27	94	6.3	275	3	US-09-370-700-7

ALIGNMENTS

RESULT 1

US-08-905-223-436

Sequence 436, Application US/08905223

Patent No. 6222029

GENERAL INFORMATION:

APPLICANT: Edwards, Jean-Baptiste D.

APPLICANT: Ducloux, Bruno

APPLICANT: Lacroix, Arno

TITLE OF INVENTION: 5' ESTs FOR SECRETED PROTEINS

NUMBER OF SEQUENCES: 503

CORRESPONDENCE ADDRESS:

ADDRESSER: Knobbe, Martens, Olson & Bear

STREET: 501 West Broadway

CITY: San Diego

STATE: California

COUNTRY: USA

ZIP: 92101-3505

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: Win95

SOFTWARE: Word

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/905,223

FILING DATE:

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Israel, Ned A.

REGISTRATION NUMBER: 29,655

REFERENCE/DOCKET NUMBER:

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 235-8550

TELEFAX: (619) 235-0176

INFORMATION FOR SEQ ID NO: 436:

SEQUENCE CHARACTERISTICS:

LENGTH: 151 amino acids

TYPE: AMINO ACID

TOPOLOGY: LINEAR

MOLECULE TYPE: PROTEIN

ORGANISM: Homo Sapiens

TISSUE TYPE: Brain

FEATURE:

NAME/KEY: sig_peptide

LOCATION: -23...-1

Sequence 7, Appli
Sequence 5622, Ap
Sequence 19817, A
Sequence 2, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 18853, A
Sequence 32063, A
Sequence 308, App
Sequence 308, App
Sequence 8005, App
Sequence 2, Appli
Sequence 67, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 3314, Ap

28 94 6.3 275 4 US-09-603-207-7
29 93.5 6.3 244 4 US-09-328-352-5622
30 93.5 6.3 302 4 US-09-252-991A-19817
31 93.5 6.3 3038 1 US-08-450-332-2
32 93.5 6.3 3038 2 US-08-637-640-2
33 93.5 6.3 3038 3 US-09-004-408C-2
34 93 6.2 1044 4 US-09-252-991A-18853
35 92 6.2 305 4 US-09-252-991A-32063
36 89 6.0 363 3 US-09-041-718-5
37 88.5 5.9 283 3 US-09-188-930-308
38 88.5 5.9 283 4 US-09-312-283C-308
39 88.5 5.9 359 4 US-09-328-352-8005
40 87 5.8 114 4 US-09-266-965-2
41 86.5 5.8 722 4 US-09-252-991A-26839
42 86 5.8 2890 3 US-09-413-814-67
43 86 5.8 3798 3 US-09-335-409-6
44 86 5.8 3798 4 US-09-568-102-6
45 86 5.8 3798 4 US-09-567-969-6
46 86 5.8 3798 4 US-09-568-480-6
47 86 5.8 3798 4 US-09-568-486-6
48 86 5.8 3798 4 US-09-568-472-6
49 86 5.8 3798 4 US-09-567-899-6
50 84.5 5.7 215 4 US-09-540-236-3314

Appendix A

IDENTIFICATION METHOD: Von Heijne matrix
OTHER INFORMATION: score 7.5
OTHER INFORMATION: seq LVLLLTPLHMA/LL
US-08-905-223-436

Query Match 50-84 Score 789; DB 3; Length 151;
Best Local Similarity 99.3%; Pred. No. 3.3e-82;
Matches 150; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 MDILVPLQLLVLLLTPLHMAALGCGWPLCKSYFYPYMAVLTPTKSNRKMESKKRELF 60
DB 1 MDILVPLQLLVLLLTPLHMAALGCGWPLCKSYFYPYMAVLTPTKSNRKMESKKRELF 60
QY 61 QIKGLTGASGKVALLELGGTGANFQYPPGCRVTCIDPNPHFEKFLTKSMAENRHLYQE 120
DB 61 QIKGLTGASGKVALLELGGTGANFQYPPGCRVTCIDPNPHFEKFLTKSMAENRHLYQE 120
QY 121 RFVAPGDMRQLADGSDMDVVVCTLVLCVSQ 151
DB 121 RFVAPGDMRQLADGSDMDVVVCTLVLCVSQ 151

RESULT 2
US-09-621-976-4227
; Sequence 4227, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S. J.Y.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 4227
; LENGTH: 158
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -29...-1
US-09-621-976-4227

Query Match 36.5%; Score 545; DB 4; Length 158;
Best Local Similarity 61.4%; Pred. No. 2.9e-54;
Matches 97; Conservative 31; Mismatches 30; Indels 0; Gaps 0;
QY 1 MDILVPLQLLVLLLTPLHMAALGCGWPLCKSYFYPYMAVLTPTKSNRKMESKKRELF 60
DB 1 MELTIFILRLATYLLTPLHMAALGCGWPLCKSYFYPYMAVLTPTKSNRKMESKKRELF 60
QY 61 QIKGLTGASGKVALLELGGTGANFQYPPGCRVTCIDPNPHFEKFLTKSMAENRHLYQE 120
DB 61 NLQEFAGPSGKLSLEVGCGTGANFQYPPGCRVTCIDPNPHFEKFLTKSMAENRHLYQE 120
QY 121 RFVAPGDMRQLADGSDMDVVVCTLVLCVSQSPKVLQ 158
DB 121 RFVAPGDMRQLADGSDMDVVVCTLVLCVSQSPKVLQ 158

RESULT 3
US-09-252-991A-29830
; Sequence 29830, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18

; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 29830
; LENGTH: 543
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29830
Query Match 13.9%; Score 207.5; DB 4; Length 543;
Best Local Similarity 34.6%; Pred. No. 7.6e-15;
Matches 65; Conservative 24; Mismatches 80; Indels 19; Gaps 9;
QY 54 KKRELFQIKGLTGASGKVALLELGGTGANFQYPPG--CRVTCIDPNPHFEKFLTKSM 111
DB 364 KQRELL-----VPRAGRV--LEIGLGTGLNLGFDAAKVAIVGVDPAAQMA--LARE 415
QY 112 AENRHLYQERFVAPGDMRQLADGSDMDVVVCTLVLCVSQSPKVLQEVRRVLPQGVLF 171
DB 416 AAQIGIPVEMVALELGE--IRAEAE--SFTIVTCTLTCTTAAPLPALGERRRVLRKGGELL 473
QY 172 FWEHVAEPYGSNAFWQOVFEPTWKHIGDCCLTRETWKDLENAQFSEIQMERQPPPLKW 231
DB 474 FCEHGRAPDAS--VLAWQRRLTPWKPPLAGGCHLDRMPALLREAGFRIDELEQ----GY 527
QY 232 LPVGPIM 239
DB 528 LP-GPRPM 534
RESULT 4
US-09-519-729-1
; Sequence 1, Application US/09519729
; Patent No. 6391604
; GENERAL INFORMATION:
; APPLICANT: Matsui, Ikuo
; APPLICANT: Ishikawa, Kazuhiko
; APPLICANT: Ishida, Hiroyasu
; APPLICANT: Kosugi, Yoshitsugu
; APPLICANT: Tahara, Yasutaka
; TITLE OF INVENTION: Thermostable Enzyme Having Phosphatidylethanolamine
; FILE REFERENCE: HIRAKI-04234
; CURRENT APPLICATION NUMBER: US/09/519,729
; CURRENT FILING DATE: 2000-03-03
; EARLIER APPLICATION NUMBER: JP 11-89312
; EARLIER FILING DATE: 1999-03-30
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 200
; TYPE: PRT
; ORGANISM: Pyrococcus horikoshii
US-09-519-729-1

Query Match 10.2%; Score 153; DB 4; Length 200;
Best Local Similarity 27.0%; Pred. No. 3e-09;
Matches 47; Conservative 36; Mismatches 69; Indels 22; Gaps 7;
QY 42 VLTPTKSNRKMESKKRELFQIKGLTGASGKVALLELGGTGANFQYPPGCRVTCIDPNP 101
DB 16 ILESPLRYFEPFLRKAVALVRG-----KVLEIGIGTGKTLKTYPNVDVQLYADGS- 66
QY 102 HFEKFLTKSMAENRHLYQE--RFVAPGDMRQLADGSDMDVVVCTLVLCVSQSPKVLQEV 160
DB 67 --EENLVAREKARQLGQINVFVFAEAEADL--PFNDPFDVFISSVFTCTIENPKAMREI 123
QY 161 RRVLRPGGVLFWEHVAEPYGSNAFWQOVF-----EPTWKHIGDCCLTRETWK 210
DB 124 IRVLKPSGKVIFLEHTL----SDSFLINLMLFLAPLEILRLIDD-STTRETHK 172

IDENTIFICATION METHOD: Von Heijne matrix
OTHER INFORMATION: score 7.5
OTHER INFORMATION: seq LVLLTLPLHMA/LI
US-08-905-223-436

Query Match 52.8%; Score 789; DB 3; Length 151;
Best Local Similarity 99.3%; Pred. No. 3.3e-82;
Matches 150; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MDILVPLQLLVLLTLPLHMAVLLGWPCKSYFFPYLMAVLTGPKSNRKNMESKRELFS 60
DB 1 MDILVPLQLLVLLTLPLHMAVLLGWPCKSYFFPYLMAVLTGPKSNRKNMESKRELFS 60
QY 61 QIKGLTGASGVKVALLELCGGTGANFQYPPGCRVTCLDNPDPHFKFTYKSMANRHLQYE 120
DB 61 QIKGLTGASGVKVALLELCGGTGANFQYPPGCRVTCLDNPDPHFKFTYKSMANRHLQYE 120
QY 121 RVVAPGDMRQLADGSDMVVCTLVLCVQ 151
DB 121 RVVAPGDMRQLADGSDMVVCTLVLCVQ 151

RESULT 2

US-09-621-976-4227
; Sequence 4227; Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 4227
; LENGTH: 158
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -29...-1
US-09-621-976-4227

Query Match 36.5%; Score 545; DB 4; Length 158;
Best Local Similarity 61.4%; Pred. No. 2.9e-54;
Matches 97; Conservative 31; Mismatches 30; Indels 0; Gaps 0;

QY 1 MDILVPLQLLVLLTLPLHMAVLLGWPCKSYFFPYLMAVLTGPKSNRKNMESKRELFS 60
DB 1 MELTIFILRLAIVLLTFPLVLLNGLWSWICKWFFYFLVRFVLYNEQMASKRELFS 60
QY 61 QIKGLTGASGVKVALLELCGGTGANFQYPPGCRVTCLDNPDPHFKFTYKSMANRHLQYE 120
DB 61 NLQEFAGPSKLSLELVGCGTGANFQYPPGCRVTCLDNPDPHFKFTYKSMANRHLQYE 120
QY 121 RVVAPGDMRQLADGSDMVVCTLVLCVQSPKVLQ 158
DB 121 RVVAPGDMRQLADGSDMVVCTLVLCVQSPKVLQ 158

RESULT 3

US-09-252-991A-29830
; Sequence 29830; Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18

Prior APPLICATION NUMBER: US 60/074,788
Prior Filing Date: 1998-02-18
Prior APPLICATION NUMBER: US 60/094,190
Prior Filing Date: 1998-07-27
Number of SEQ ID NOS: 33142
SEQ ID NO 29830
LENGTH: 543
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29830

Query Match 13.9%; Score 207.5; DB 4; Length 543;
Best Local Similarity 34.6%; Pred. No. 7.6e-15;
Matches 65; Conservative 24; Mismatches 80; Indels 19; Gaps 9;

QY 54 KXRELFQIKGTGASGVKVALLELCGGTGANFQYPPG--CRVTCLDNPDPHFKFTYKSM 111
DB 364 KQKSL--VPRAGRV--LEIGLGTGLNLGFDAAKVAIVGVDPAAQMA--LARER 415
QY 112 AENRHLQYERFVAPGEDMRQLADGSDMVVCTLVLCVQSPKVLQVRRVLRPGGVLF 171
DB 416 AAQIGIPVEMVALELGE--IRAE--SFTIVTCTFLCSIAAPLPALENGRVLKGGELL 473
QY 172 FWEHVAEPYGSWAFWQQVFEPTWKHIGDGCCLTRETWKLENAQFSEIOMERQPPPLKM 231
DB 474 FCEHGEAPDAS--VLAQWRRLTPWKPPLAGGCHLDRMPALLREAGFRIDELEQ-----GY 527
QY 232 LPVGPIM 239
DB 528 LP-GPRPM 534

RESULT 4

US-09-519-729-1
; Sequence 1, Application US/09519729
; Patent No. 6391604
; GENERAL INFORMATION:
; APPLICANT: Matsui, Ikuo
; APPLICANT: Ishikawa, Kazuhiko
; APPLICANT: Ishida, Hiroyasu
; APPLICANT: Kosugi, Yoshitaka
; APPLICANT: Tahara, Yasutaka
; TITLE OF INVENTION: Thermostable Enzyme Having Phosphatidylethanolamine
; FILE REFERENCE: HIRAKI-04234
; CURRENT APPLICATION NUMBER: US/09/519,729
; CURRENT FILING DATE: 2000-03-03
; EARLIER APPLICATION NUMBER: JP 11-89312
; EARLIER FILING DATE: 1999-03-30
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 200
; TYPE: PRT
; ORGANISM: Pyrococcus horikoshii
US-09-519-729-1

Query Match 10.2%; Score 153; DB 4; Length 200;
Best Local Similarity 27.0%; Pred. No. 3e-09;
Matches 47; Conservative 36; Mismatches 69; Indels 22; Gaps 7;

QY 42 VLTPKSNRKNMESKRELFSQIKGTGASGVKVALLELCGGTGANFQYPPGCRVTCLDNP 101
DB 16 ILESPLERYEPLKKAIVLRG-----KVLEIGIGTGKTLKYFPDNDVQLYAIDGS- 66
QY 102 HFKEFLTKSMAENRHLQYE--RVVAPGEDMRQLADGSDMVVCTLVLCVQSPKVLQEV 160
DB 67 --EEMLVKAREKARQLGKINVKFFKAEADL--PPNDFFDFVSSVFTCTINPKAKREI 123
QY 161 RVLRLPGGVLFVWEHVAEPYGSWAFWQQVFEPTWKHIGDGCCLTRETWK 210
DB 124 IRVLKPSGVKVFLEHTL----SDSFLNMLFLAPLELILRPLIDD--STTRETTH 172

IDENTIFICATION METHOD: Von Heijne matrix
OTHER INFORMATION: score 7.5
OTHER INFORMATION: seq LVLLLTPLHLMA/LL
US-08-905-223-436

Query Match 47.3%; Score 131; DB 3; Length 151;
Best Local Similarity 100.0%; Pred. No. 6.4e-117;
Matches 131; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDILVPLQLVLLLTPLHLMAIGCWPLCKSYFFYLMAVLTPKSNKESKRELFS 60
DB 1 MDILVPLQLVLLLTPLHLMAIGCWPLCKSYFFYLMAVLTPKSNKESKRELFS 60
QY 61 QIKGLTGASGVALLLGCGTGANFQYPPGCRVTCLDNPHEKFLTKSMAENRHLOYE 120
DB 61 QIKGLTGASGVALLLGCGTGANFQYPPGCRVTCLDNPHEKFLTKSMAENRHLOYE 120
QY 121 RFVVAEGEDMR 131
DB 121 RFVVAEGEDMR 131

RESULT 2
US-09-621-976-4227
Sequence 4227, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 4227
LENGTH: 158
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SIGNAL
LOCATION: -29...-1
US-09-621-976-4227

Query Match 4.2%; Score 12; DB 4; Length 158;
Best Local Similarity 100.0%; Pred. No. 0.0011;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 139 DVVVCITVLCSV 150
DB 139 DVVVCITVLCSV 150

RESULT 3
US-09-252-991A-19858
Sequence 19858, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
ID NO 19858
LENGTH: 281
TYPE: PRT

ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-19858

Query Match 3.6%; Score 10; DB 4; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 161 RRVLRPGGV 170
DB 151 RRVLRPGGV 160

RESULT 4
US-09-252-991A-20270
Sequence 20270, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 20270
LENGTH: 254
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-20270

Query Match 2.9%; Score 8; DB 4; Length 254;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 162 RVLPRGGV 169
DB 124 RVLPRGGV 131

RESULT 5
US-09-252-991A-22426
Sequence 22426, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 22426
LENGTH: 436
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-22426

Query Match 2.9%; Score 8; DB 4; Length 436;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 164 LRPGGVLF 171
DB 366 LRPGGVLF 373